Date: Thursday, 05/02/2009 3:42:24 PM
User: Julie Dawson

Process Sheet

Customer	: CU-DAR001 Dart Helicopters Services	**Drawing Name**	: BEARPAW WEARPLATE U/R
Job Number	: 45541		
Estimate Number	: 13113		
P.O. Number	:	**Part Number**	: D135692041
This Issue	: 05/02/2009 **S.O. No.** :	**Drawing Number**	: DSI9400 REVA
Prsht Rev.	: NC	**Project Number**	: N/A
First Issue	: / / **Type** : SMALL /MED FAB	**Drawing Revision**	: A
Previous Run	: 42381	**Material**	:
Written By	:	**Due Date**	: 20/02/2009 **Qty:** 4 **Um:** Each
Checked & Approved By	: JLD 09.02.09		
Comment	: Est Rev:A new issue ECN1089 08-02-04 DD verified by:EC		
	Est Rev:B ECN 1132 08-02-20 DD verified by:EC		

Additional Product

Job Number:

Seq. #:	Machine Or Operation:	Description :
1.0	DC	DOCUMENT CONTROL

HJ for JLD 09/03/16

Comment: DOCUMENT CONTROL
Photocopy bluefile and create labels per PPP D135-692-041 CHG001 S 09/05/25

2.0	PACKAGING 1	PACKAGING RESOURCE #1

Comment: PACKAGING RESOURCE #1

3.0	D37 9041	Wearplate

S (x4)

Comment: Qty.: 2.0000 Each(s)/Unit Total : 8.0000 Each(s)
WEARPLATE
batch B12360 x3 B15725 x5 SS 09/05/25 (x4)

4.0	AN415A	Bolt

S (x4)

Comment: Qty.: 8.0000 Each(s)/Unit Total : 32.0000 Each(s)
Bolt
batch M109415 SS 09/02/09 (x4)

5.0	AN960JD416	Washer

S (x4)

Comment: Qty.: 8.0000 Each(s)/Unit Total : 32.0000 Each(s)
Washer
batch M116523 SS 09/02/09 (x4)

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	**STEP**	**PROCEDURE CHANGE**	**By**	**Date**	**Qty**	**Approval** Chief Eng / Prod Mgr	**Approval** QC Inspector

Part No: _____ **PAR #:** _____ **Fault Category:** _____ **NCR:** Yes No **DQA:** _____ **Date:** _____

Resolution: _____ **Disposition:** _____ **QA: N/C Closed:** _____ **Date:** _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	**STEP**	**Description of NC** Section A	**Corrective Action** Section B			**Verification** Section C	**Approval** Chief Eng	**Approval** QC Inspector
			Initial Chief Eng	**Action Description** Chief Eng	**Sign & Date**			

NOTE: Date & initial all entries

Date: Thursday, 05/02/2009 3:42:24 PM
User: Julie Dawson

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services **Drawing Name:** BEARPAW WEARPLATE U/R

Job Number: 45541 **Part Number:** D135692041

Job Number:

Seq. #:	Machine Or Operation:	Description :
6.0	MS21042L4	Nut

Comment: Qty.: 8.0000 Each(s)/Unit Total : 32.0000 Each(s)
Nut
batch MT09282

09/02/09 (KH)

7.0	QC4	INSPECT 100% KITS FOR COMPLETENESS

Comment: INSPECT 100% KITS FOR COMPLETENESS

09/05/25 (KS)

8.0	PACKAGING 1	PACKAGING RESOURCE #1

Comment: PACKAGING RESOURCE #1
Identify and pack for shipping as per PPP D135-692-041 CHG001
Location:
PPP Rev: A

09/05/20 (4)

9.0	QC21	FINAL INSPECTION/W/O RELEASE

Comment: FINAL INSPECTION/W/O RELEASE

09/05/26 KJ

Job Completion

MF 09-05-25

Form: rprocess

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	**STEP**	**PROCEDURE CHANGE**	**By**	**Date**	**Qty**	**Approval** Chief Eng / Prod Mgr	**Approval** QC Inspector

Part No: _____ **PAR #:** _____ **Fault Category:** _____ **NCR:** Yes No **DQA:** _____ **Date:** _____

Resolution: _____ **Disposition:** _____ **QA: N/C Closed:** _____ **Date:** _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	**STEP**	**Description of NC** Section A	**Corrective Action** Section B			**Verification** Section C	**Approval** Chief Eng	**Approval** QC Inspector
			Initial Chief Eng	**Action Description** Chief Eng	**Sign & Date**			

NOTE: Date & initial all entries

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D135-692 REV. A

REF. FAA STC: SR01042SE

The D135-692-041 Wearplate Kit can be installed on Dart D135-692-011 Bearpaw Installations. The D3719-041 Wearplates should be installed on the D3049-1 Bearpaws as shown in Figure 1 on sheet 2 of this service instruction. The bearpaw should otherwise be installed on the skidtube per installation instructions IIN-D135-692 Rev. A.

WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D135-692-041 Wearplate Kit	2.24 lb 1.0 kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-kg	199.7 in 5.07 m	447 in-lb 5.1 m-kg

PARTS LIST

QTY	Part Number	Description
X	**D135-692-041**	**Wearplate Kit**
2	D3719-041	Wearplate
8	AN4-15A	Bolt
8	AN960JD416	Washer
8	MS21042L4	Nut (or MS21042-4)

SHOP COPY

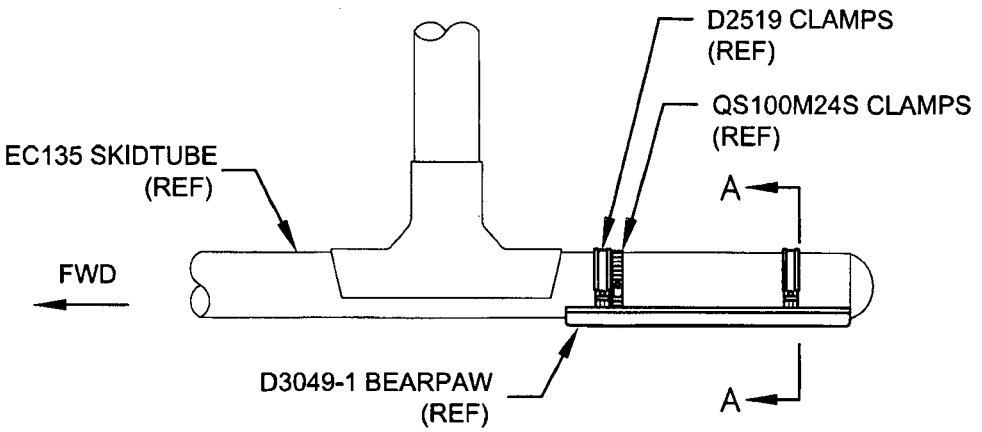
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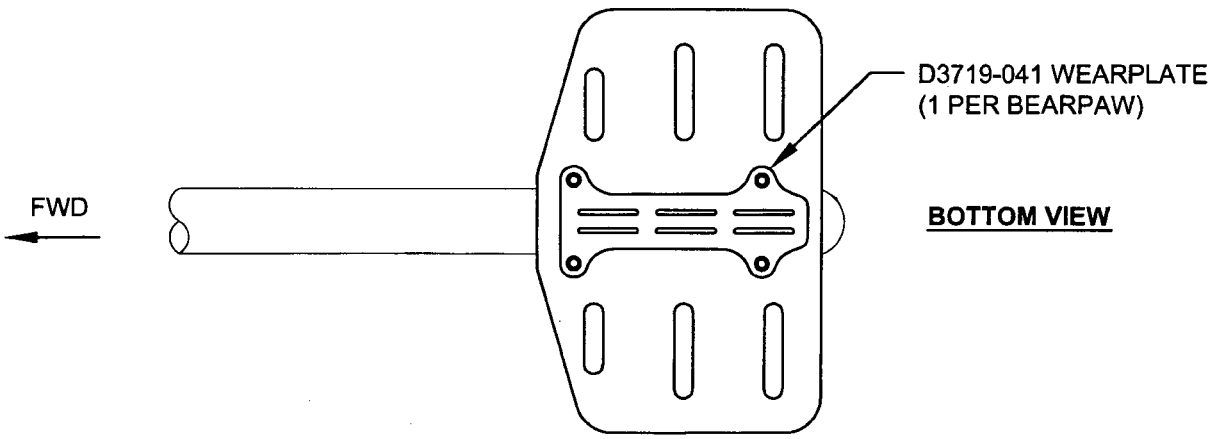
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REV.	DESCRIPTION	BY	DATE

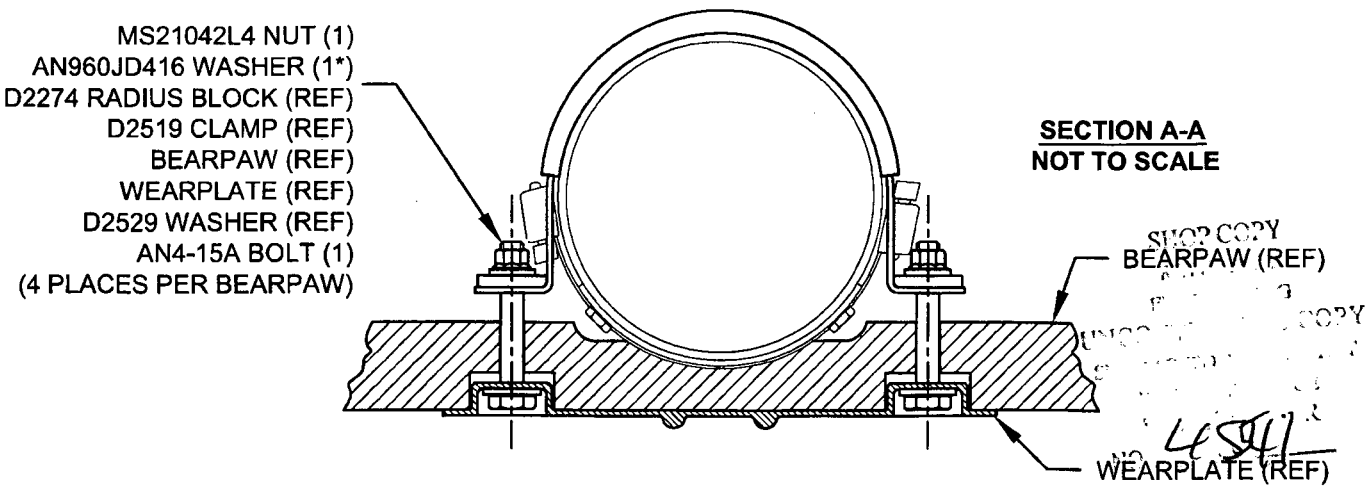
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DRAWN		**HAWKESBURY, ONTARIO, CANADA**	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		DSI 9400	SHEET 1 OF 2
APPROVED		TITLE	SCALE
DE APPR.		WEARPLATE KIT	NTS
DATE	07.12.12		

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FIGURE 1: D135-692-041 WEARPLATE KIT







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* ADDITIONAL AN960JD416 WASHERS MAY BE INSTALLED UNDER THE NUTS TO ENSURE 1.5-4 THREADS IN SAFETY ON THE BOLTS. IT IS ALSO ACCEPTABLE TO REPLACE THE AN4-15A BOLTS WITH LONGER OR SHORTER AN4 BOLTS, IF REQUIRED.

DESIGN		**DART AEROSPACE LTD** HAWKESBURY, ONTARIO, CANADA
DRAWN		
CHECKED		DRAWING NO. DSI 9400 REV. A SHEET 2 OF 2
MFG. APPR.		
APPROVED		TITLE WEARPLATE KIT SCALE NTS
DE APPR.		
DATE	07.12.12	

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